

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034552.D
 Acq On : 16 Mar 2023 17:45
 Operator : JC/MD
 Sample : 01904-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20230312

Quant Time: Mar 17 06:28:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

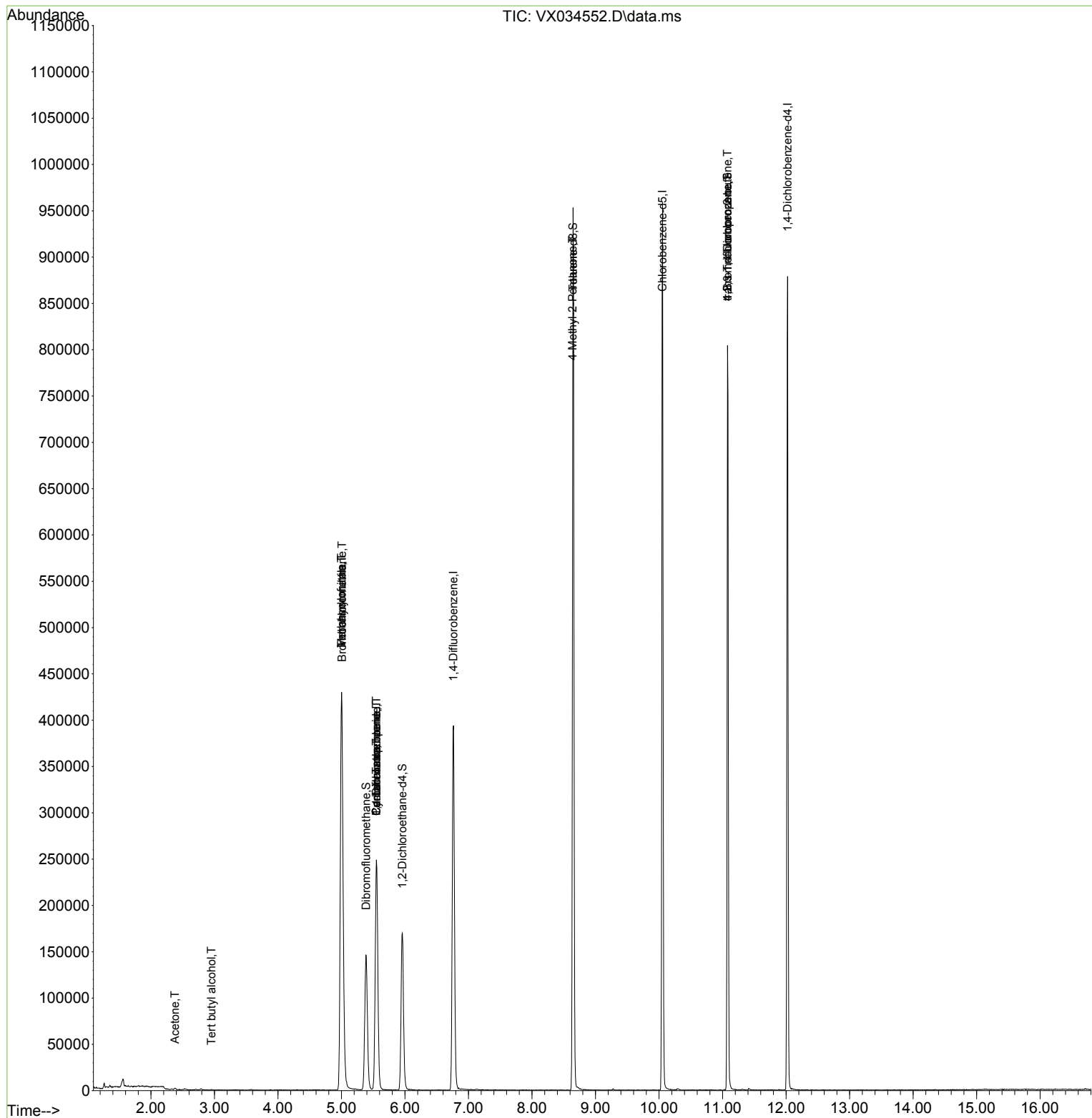
Internal Standards						
1) Pentafluorobenzene	5.550	168	232566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160942	47.569	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.140%		
35) Dibromofluoromethane	5.385	113	125272	47.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	8.647	98	538244	54.794	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	109.580%		
62) 4-Bromofluorobenzene	11.079	95	220651	55.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.220%		
Target Compounds						
3) Chloromethane	1.307	50	802	Below Cal	#	42
11) Tert butyl alcohol	2.953	59	388	0.551	ug/l #	73
16) Acetone	2.380	43	2084	1.308	ug/l	99
28) Bromochloromethane	5.007	49	773	0.314	ug/l #	15
29) Tetrahydrofuran	5.001	42	414996	294.920	ug/l	98
31) Cyclohexane	5.550	56	5482	1.155	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19085	4.722	ug/l #	48
38) Carbon Tetrachloride	5.550	117	24111	5.997	ug/l #	17
41) Methacrylonitrile	5.001	41	236895	97.900	ug/l #	47
51) 4-Methyl-2-Pentanone	8.641	43	3187	0.734	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	119932	30.345	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	119932	82.092	ug/l #	8

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW8-MW01D3-20230312

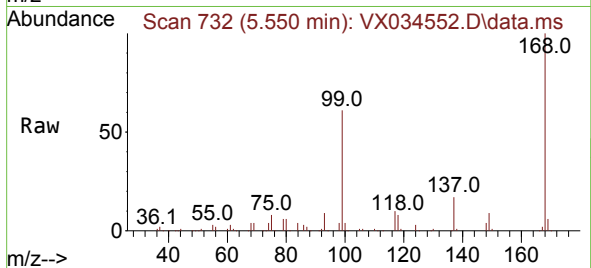
Quant Time: Mar 17 06:28:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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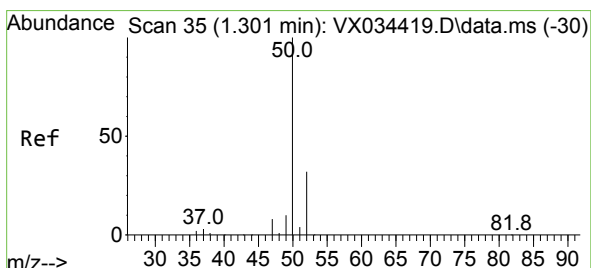
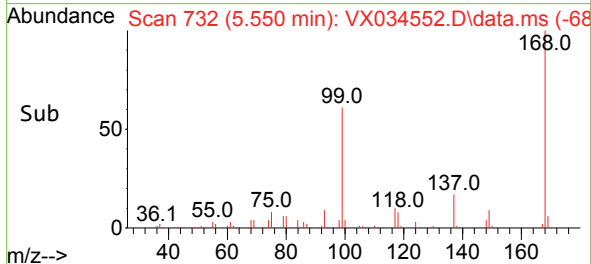
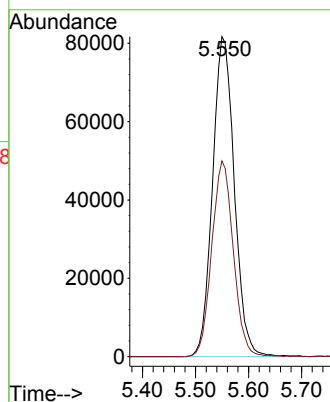


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

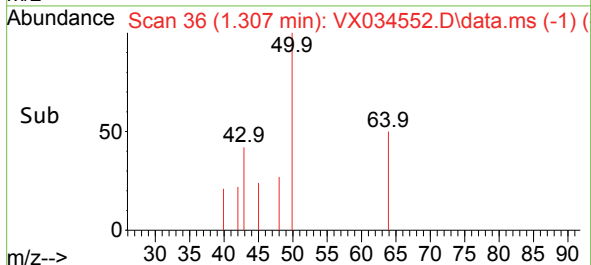
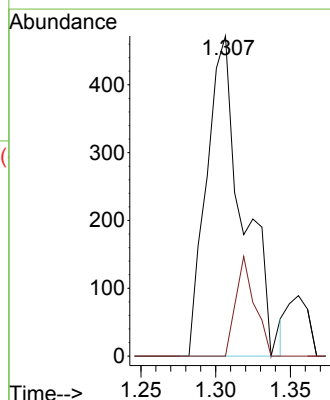
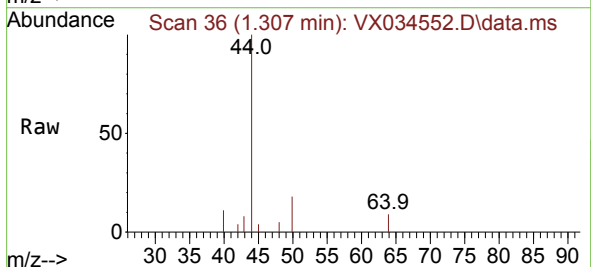


Tgt Ion:168 Resp: 232566
Ion Ratio Lower Upper
168 100
99 61.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.551 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.000 min

Lab File: VX034552.D

Acq: 16 Mar 2023 17:45

Instrument :

MSVOA_X

ClientSampleId :

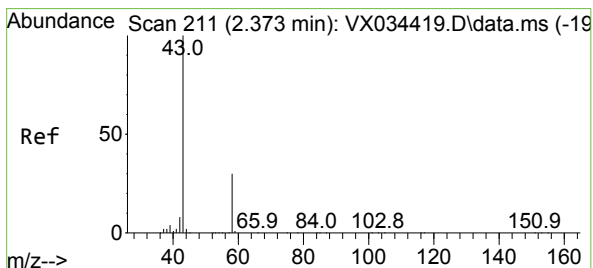
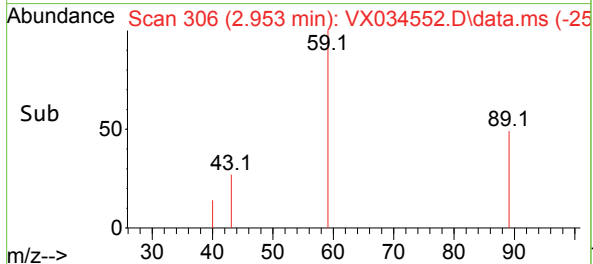
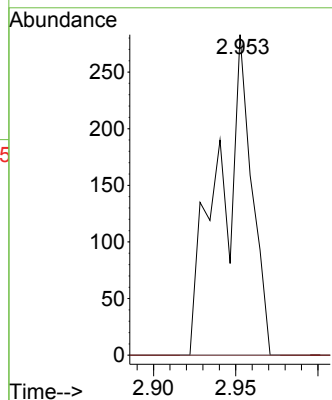
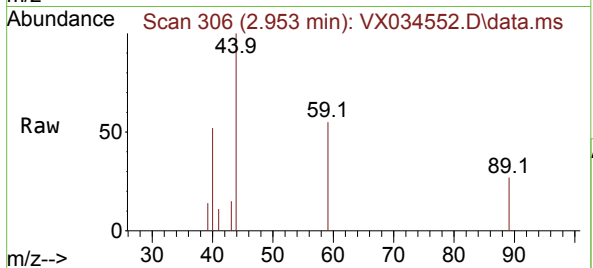
RW8-MW01D3-20230312

Tgt Ion: 59 Resp: 388

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.308 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034552.D

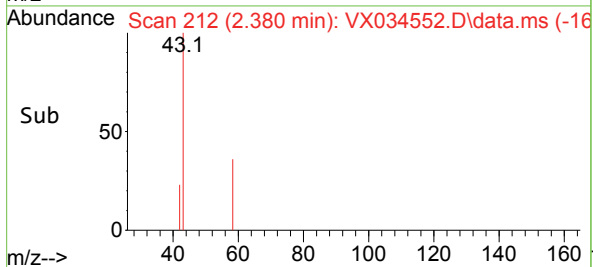
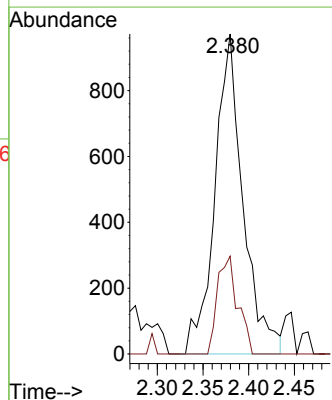
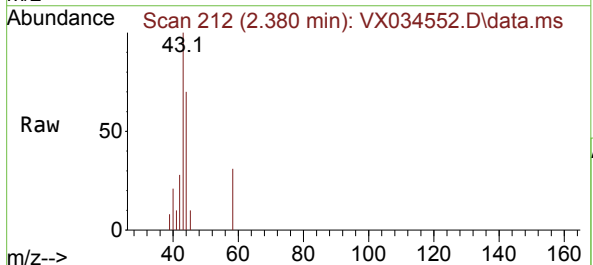
Acq: 16 Mar 2023 17:45

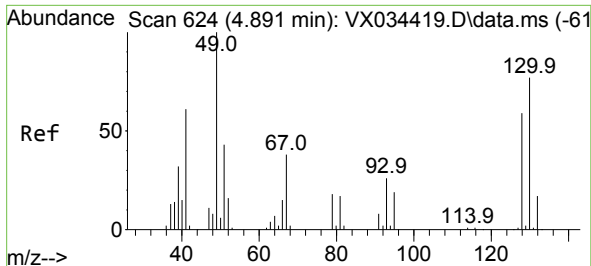
Tgt Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

58 30.6 24.7 37.1

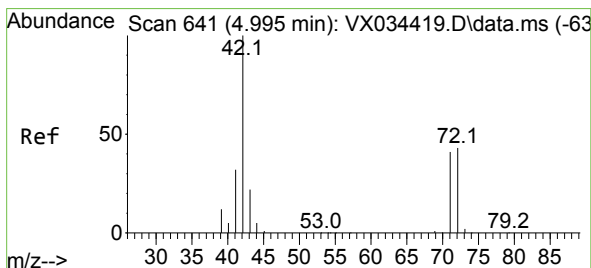
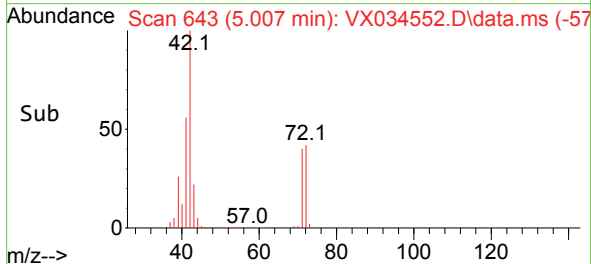
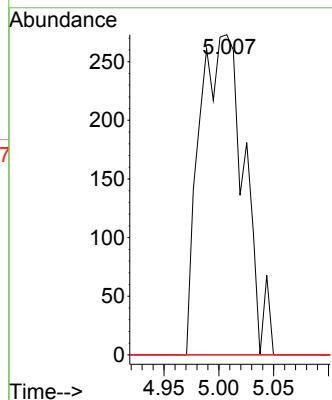
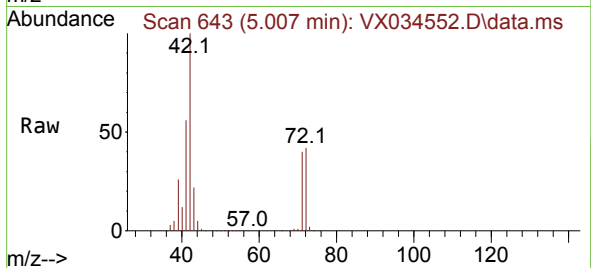




#28
Bromochloromethane
Concen: 0.314 ug/l
RT: 5.007 min Scan# 641
Delta R.T. 0.116 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

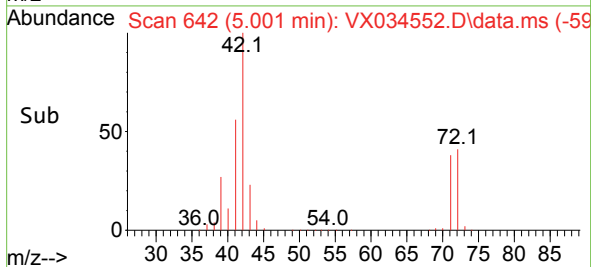
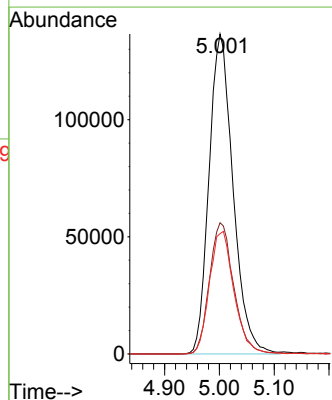
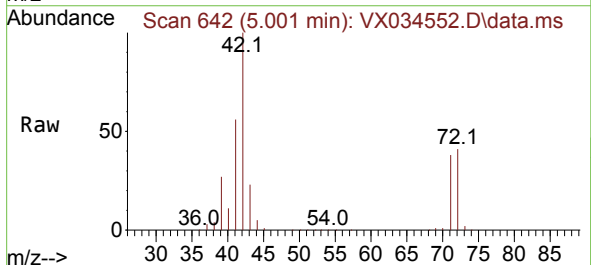
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

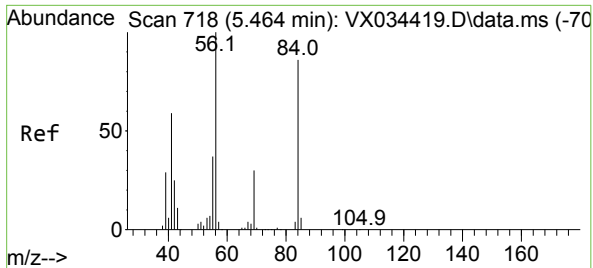
Tgt Ion: 49 Resp: 773
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#29
Tetrahydrofuran
Concen: 294.920 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

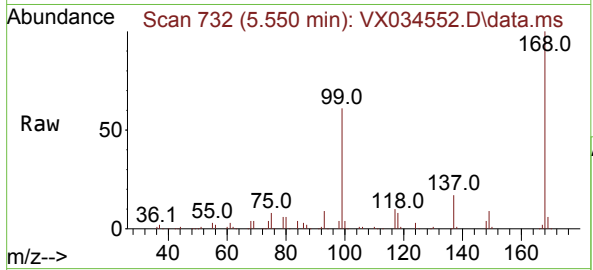
Tgt Ion: 42 Resp: 414996
Ion Ratio Lower Upper
42 100
72 41.4 34.5 51.7
71 39.2 32.1 48.1



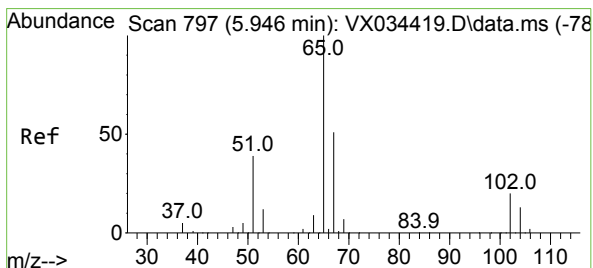
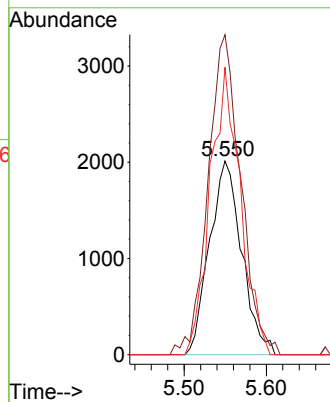
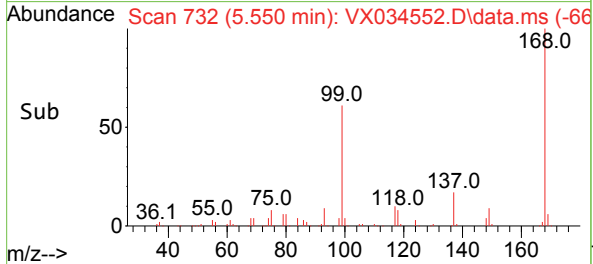


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

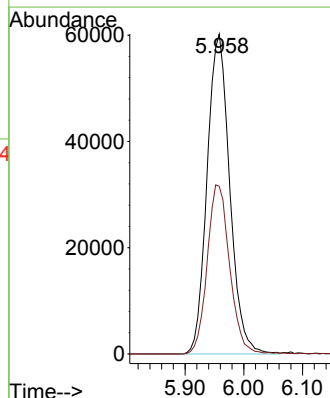
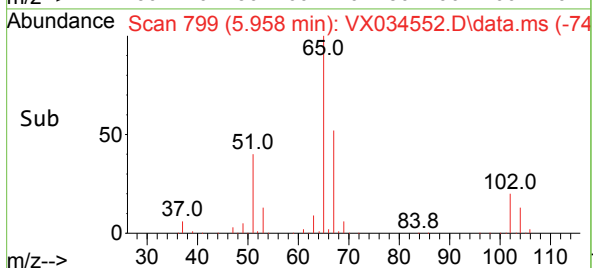
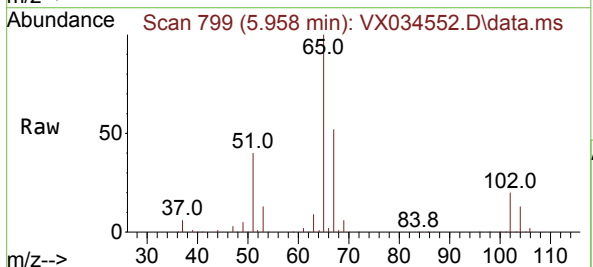


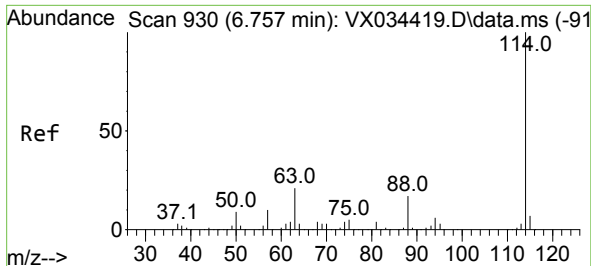
Tgt Ion: 56 Resp: 5482
Ion Ratio Lower Upper
56 100
69 165.3 23.7 35.5#
84 148.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.569 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion: 65 Resp: 160942
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

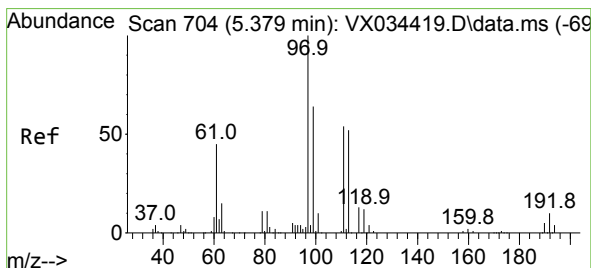
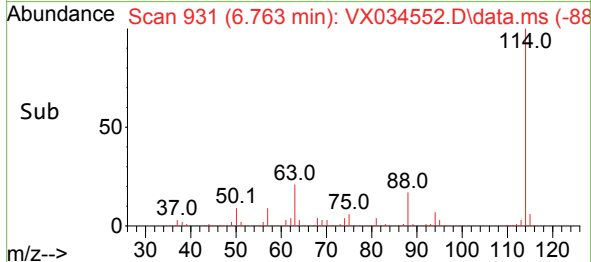
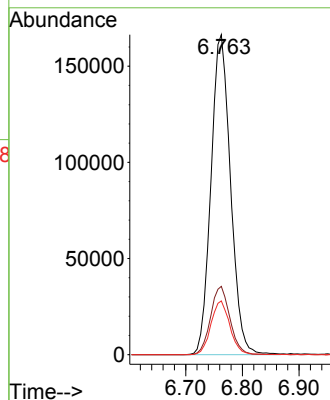
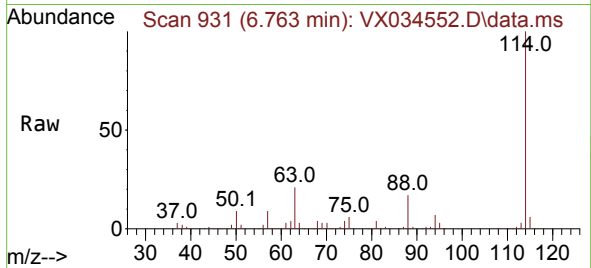




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

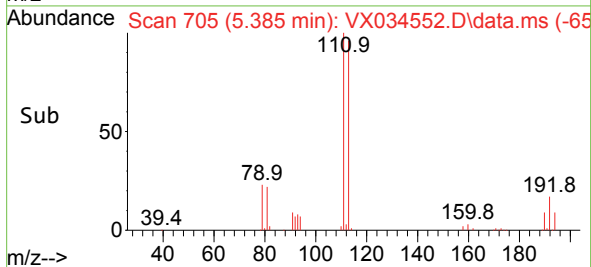
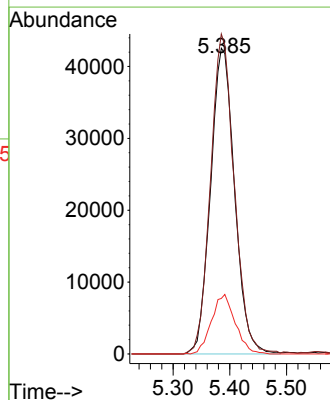
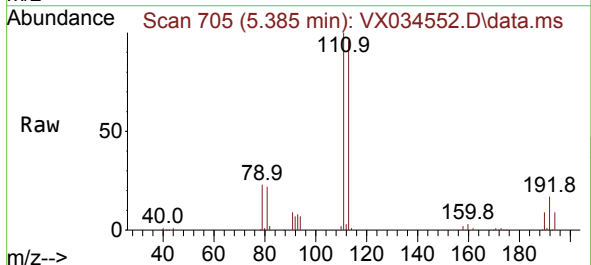
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ClientSampleId :
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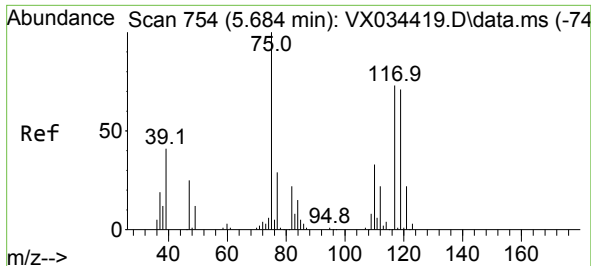
Tgt Ion:114 Resp: 398541
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.607 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion:113 Resp: 125272
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.2 15.4 23.2

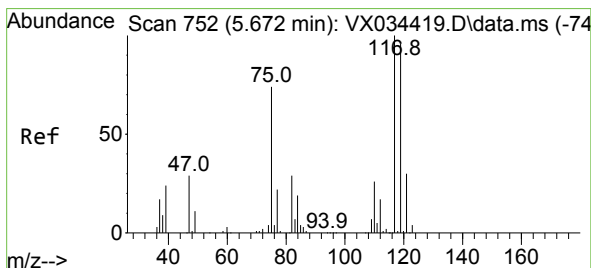
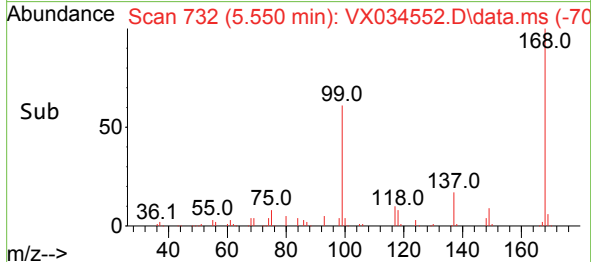
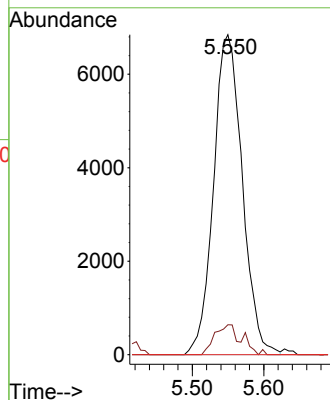
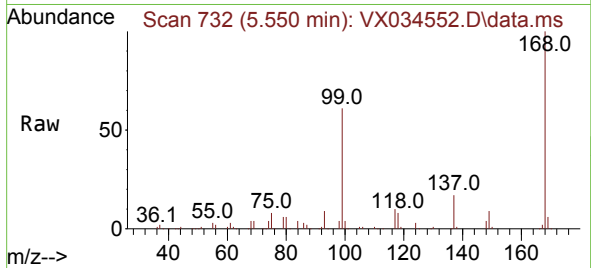




#36
1,1-Dichloropropene
Concen: 4.722 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

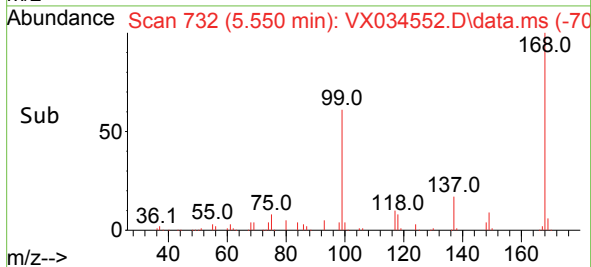
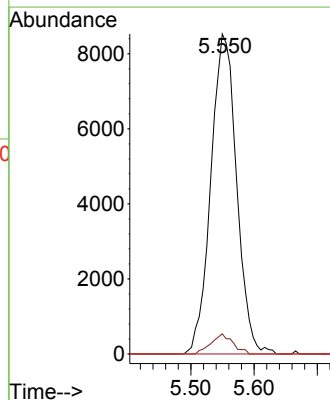
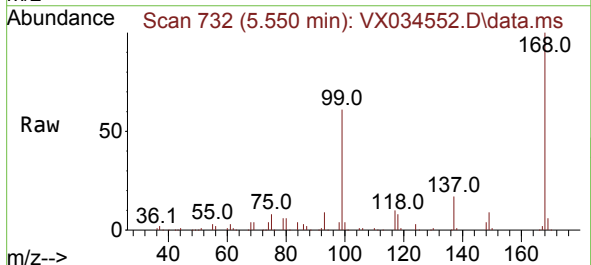
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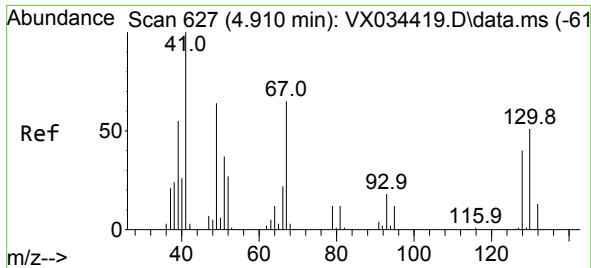
Tgt Ion: 75 Resp: 19085
Ion Ratio Lower Upper
75 100
110 7.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion: 117 Resp: 24111
Ion Ratio Lower Upper
117 100
119 6.3 76.6 114.8#
121 0.0 23.8 35.6#

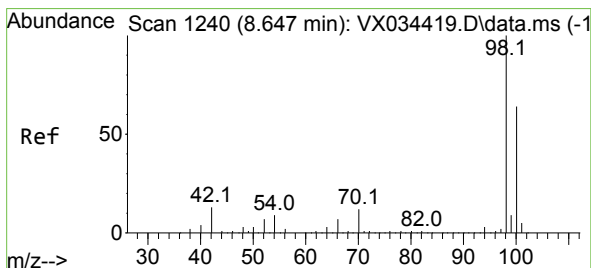
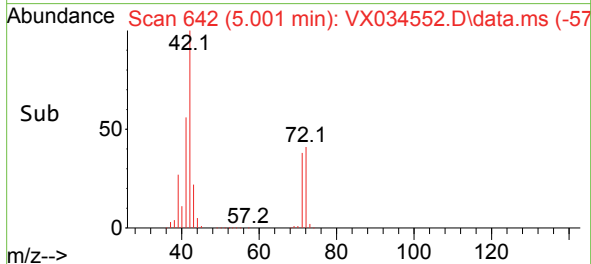
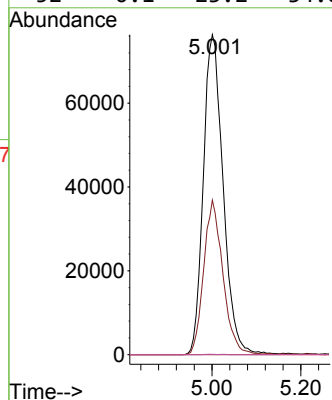
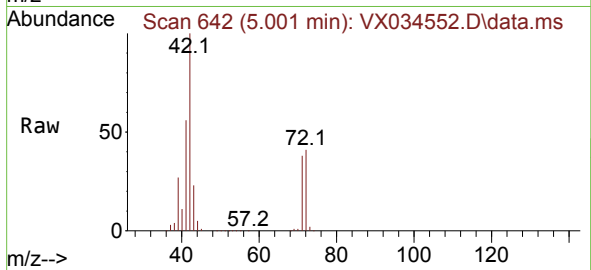




#41
Methacrylonitrile
Concen: 97.900 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.091 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

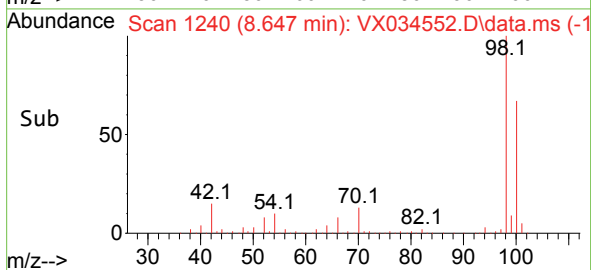
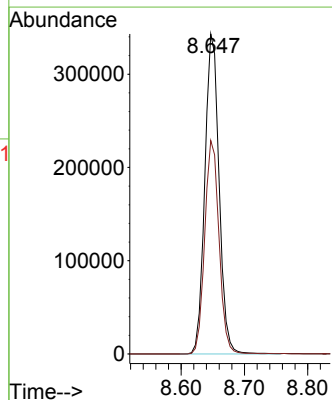
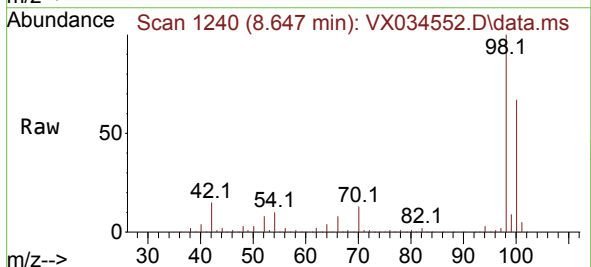
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

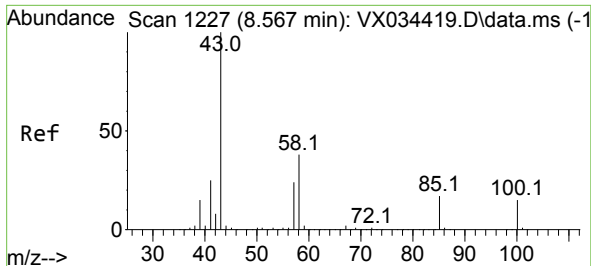
Tgt Ion: 41 Resp: 236895
Ion Ratio Lower Upper
41 100
39 46.8 45.0 67.6
67 0.0 55.6 83.4#
52 0.1 23.2 34.8#



#50
Toluene-d8
Concen: 54.794 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion: 98 Resp: 538244
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

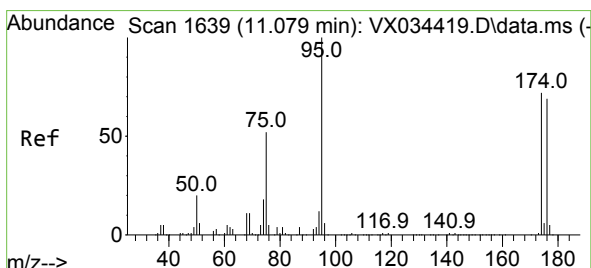
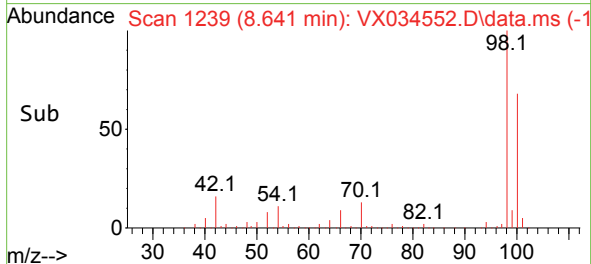
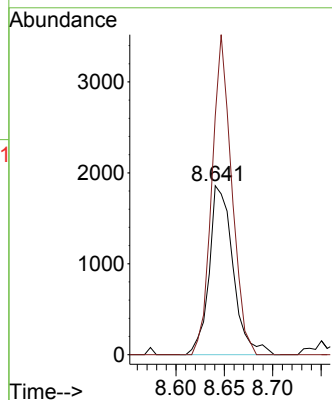
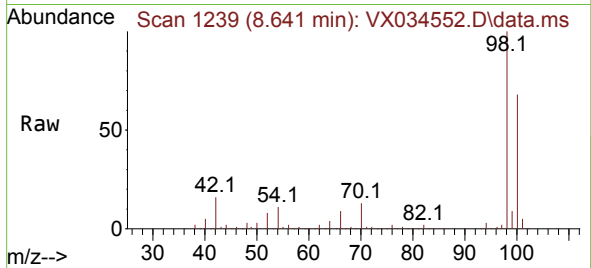




#51
4-Methyl-2-Pentanone
Concen: 0.734 ug/l
RT: 8.641 min Scan# 1227
Delta R.T. 0.073 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

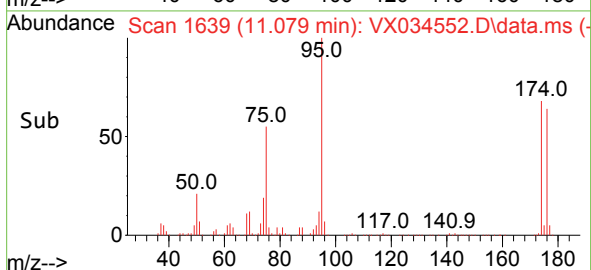
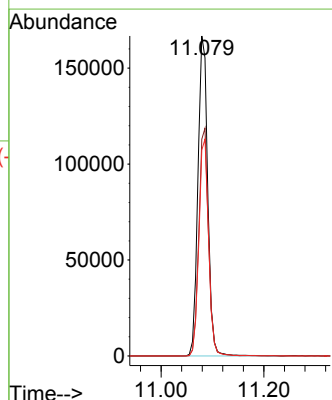
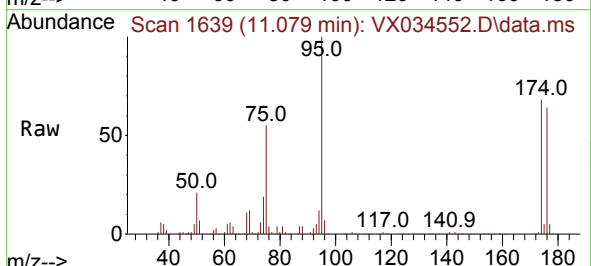
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

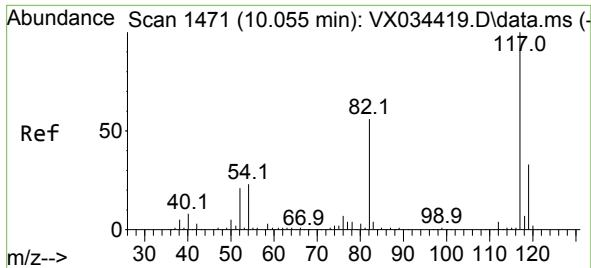
Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
58 157.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 55.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion: 95 Resp: 220651
Ion Ratio Lower Upper
95 100
174 70.5 0.0 147.4
176 67.2 0.0 140.6

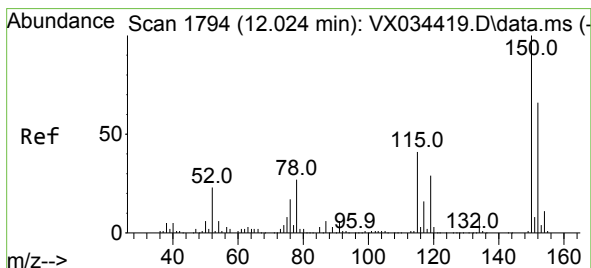
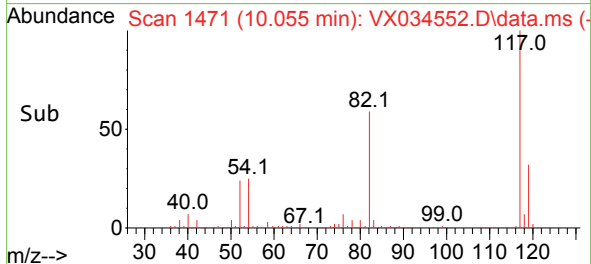
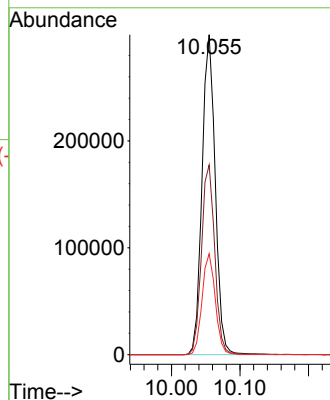
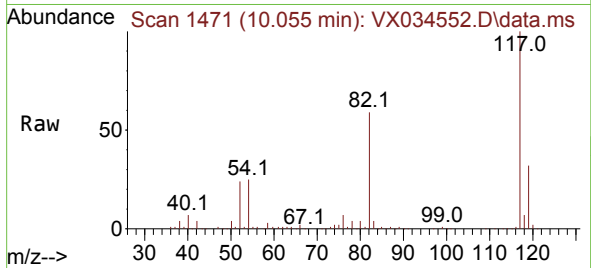




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

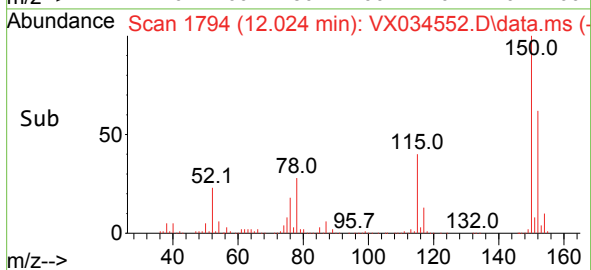
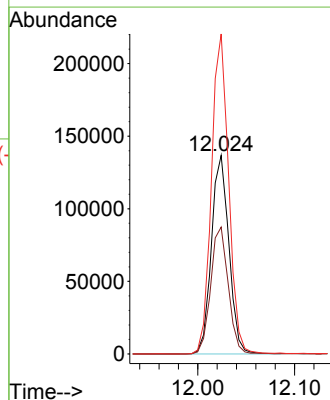
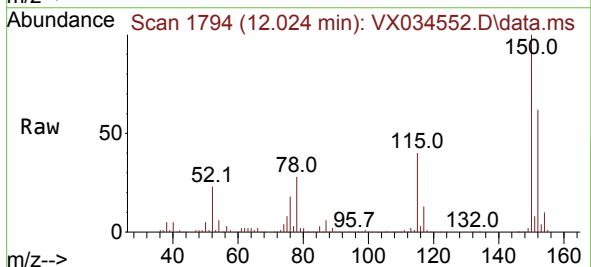
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

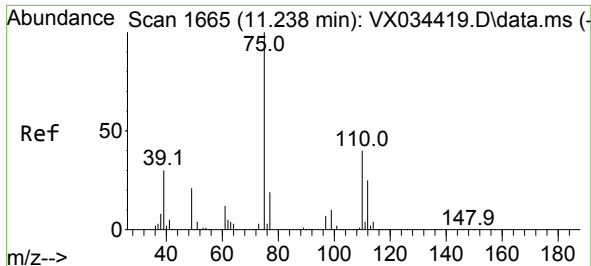
Tgt Ion:117 Resp: 402262
Ion Ratio Lower Upper
117 100
82 59.3 45.0 67.4
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion:152 Resp: 172130
Ion Ratio Lower Upper
152 100
115 64.4 45.0 135.0
150 158.2 0.0 352.4

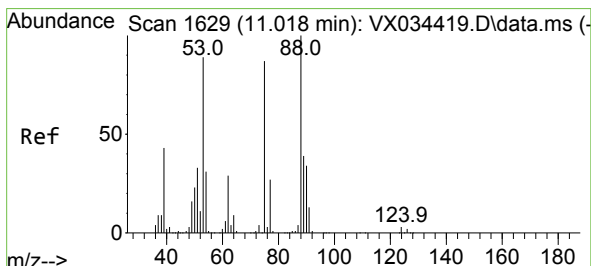
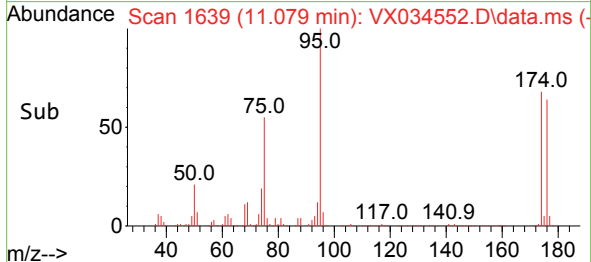
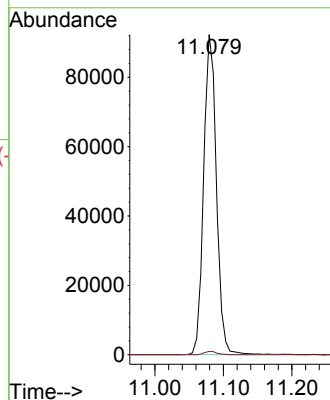
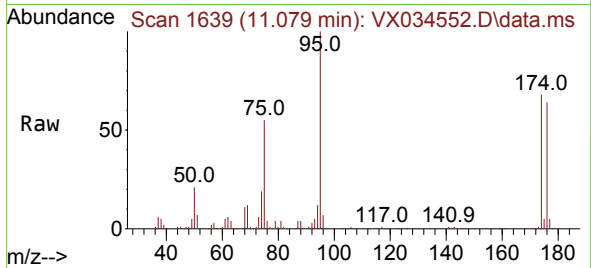




#76
1,2,3-Trichloropropane
Concen: 30.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20230312

Tgt Ion: 75 Resp: 119932
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034552.D
Acq: 16 Mar 2023 17:45

Tgt Ion: 75 Resp: 119932
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

